

~~ABSTRACT OF THE DISCLOSURE~~

Disclosed is a method of changing a program of each of the nodes constituting a network in a remote place, the network including at least two nodes, and a network management system connected to a predetermined node of the network. The method comprising the steps of: transmitting new changing program data and a control signal to the predetermined node connected to the network management system, the predetermined node constituting the network and the control signal being adapted to change a program of the predetermined node; allocating a fixed region in a memory within a transmission system forming the predetermined node in response to the reception of the new changing program data by the predetermined node to store the new changing program data in the fixed region, and changing the program of the predetermined node for the new changing program data under the control of the control signal; allowing the network management system to transmit a command or a program-transmitting-signal to the predetermined node, so that the predetermined node should transmit the newly changed program data stored therein to the next predetermined node to change the program of the next predetermined node, while allowing the network management system to transmit the control signal to the next predetermined node; and, allowing the predetermined node to transmit the newly changed program data thereof to the next predetermined node if the program-transmitting signal is received by the predetermined node and changing the program of the next predetermined node to the newly changed program data under the control of the control signal.